

**METHOD AND APPARATUS FOR ELIMINATING  
NOISE IN AN ELECTRICAL CIRCUIT**

5

**ABSTRACT**

A current flow inhibiting device or hum eliminator, such as one or more specially configured diodes or other electronic component, is placed in series with the normal ground line before it is connected to the end device. This prevents the flow of current through the ground wire. Accordingly voltages of any frequency are stopped from converting to a current flow, thereby reducing or eliminating noise in the electrical circuit and in audible signals.

10